

DOCKET NO.: 05-03-002  
CLIENT NO.: UGSC01-05017  
Customer No.: 45113

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : NILANJAN MUKHERJEE  
U.S. Serial No. : 10/716,386  
Filed : November 18, 2003  
For : SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT  
FOR SMOOTHING  
Group No. : 2125  
Examiner : Not Yet Assigned

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

The undersigned hereby certifies that the following documents:

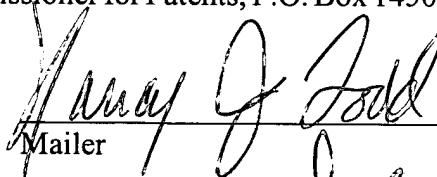

1. Postcard receipt;
2. Information Disclosure Statement;
3. Form PTO/SB/08B;
4. Copy of International Search Report for PCT Application No. PCT/US2004/025812;  
and
5. Three (3) references

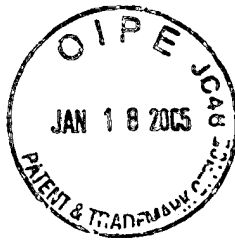
relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 11, 2005.

Date: 1/11/05

Date: 1/11/05

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Matthew S. Anderson  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement. This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The publications herein are listed below and on the attached Form PTO/SB/08B. These references were located during the International Search Report issued in the related PCT Patent Application No. PCT/US2004/025812, a copy of which is attached hereto. Copies of the listed publications are submitted herewith.

Publications

Nilanjan Mukherjee, "A Hybrid, Variational 3D Smoother for Orphaned Shell Meshes", September 15, 2002, Pp. 379-390.

David A. Field, "Laplacian Smoothing and Delaunay Triangulations", Communications in Applied Numerical Methods, Vol. 4, No. 6, November 1988, Pp. 709-712.

Scott A. Canann et al., "Optismoothing: An Optimization-Driven Approach to Mesh Smoothing", Finite Elements in Analysis and Design, Vol. 13, No. 2/3, 1993, Pp. 185-188.

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above Patents and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.

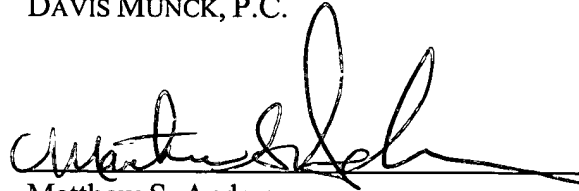
In accordance with 37 C.F.R. 1.97(e), the undersigned certifies that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Further, pursuant to 37 C.F.R. § 1.97(e) and the above statements, no fee is believed to be due for the filing of this Information Disclosure Statement.

Respectfully submitted,

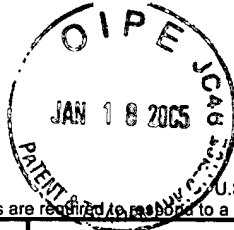
DAVIS MUNCK, P.C.

Date: 1/11/5

A handwritten signature in black ink, appearing to read 'Matthew S. Anderson', written over a horizontal line.

Matthew S. Anderson  
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PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/716,386
Filing Date	November 18, 2003
First Named Inventor	Nilanjan Mukherjee
Art Unit	2125
Examiner Name	Not Yet Assigned
Attorney Docket Number	05-03-002

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	Nilanjan Mukherjee, "A Hybrid, Variational 3D Smoother for Orphaned Shell Meshes", September 15, 2002, Pp. 379-390.	
	AB	David A. Field, "Laplacian Smoothing and Delaunay Triangulations", Communications in Applied Numerical Methods, Vol. 4, No. 6, November 1988, Pp. 709-712.	
	AC	Scott A. Canann et al., "Optismoothing: An Optimization-Driven Approach to Mesh Smoothing", Finite Elements in Analysis and Design, Vol. 13, No. 2/3, 1993, Pp. 185-188.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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